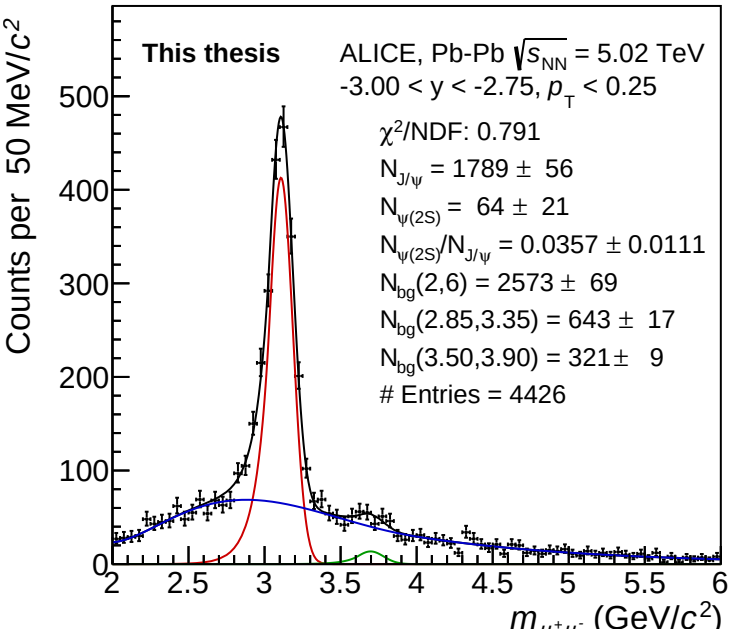
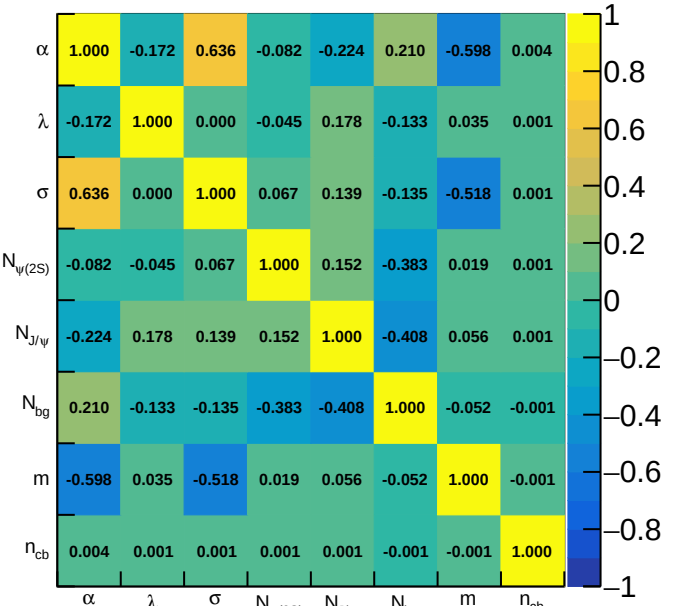

This thesis
ALICE, Pb-Pb $\sqrt{s_{NN}}$ = 5.02 TeV
-3.00 < y < -2.75, p_T < 0.25
χ^2/NDF: 0.791
$N_{J/\psi}$ = 1789 ± 56
$N_{\psi(2S)}$ = 64 ± 21
$N_{\psi(2S)}/N_{J/\psi}$ = 0.0357 ± 0.0111
N_{bg}(2,6) = 2573 ± 69
N_{bg}(2.85,3.35) = 643 ± 17
N_{bg}(3.50,3.90) = 321 ± 9
Entries = 4426
Counts per 50 MeV/c^2
$m_{\mu^+\mu^-}$ (GeV/c^2)


α 1.000 -0.172 0.636 -0.082 -0.224 0.210 -0.598 0.004
λ -0.172 1.000 0.000 -0.045 0.178 -0.133 0.035 0.001
σ 0.636 0.000 1.000 0.067 0.139 -0.135 -0.518 0.001
$N_{\psi(2S)}$ -0.082 -0.045 0.067 1.000 0.152 -0.383 0.019 0.001
$N_{J/\psi}$ -0.224 0.178 0.139 0.152 1.000 -0.408 0.056 0.001
N_{bg} 0.210 -0.133 -0.135 -0.383 -0.408 1.000 -0.052 -0.001
m -0.598 0.035 -0.518 0.019 0.056 -0.052 1.000 -0.001
n_{cb} 0.004 0.001 0.001 0.001 0.001 -0.001 -0.001 1.000
α λ σ $N_{\psi(2S)}$ $N_{J/\psi}$ N_{bg} m n_{cb}